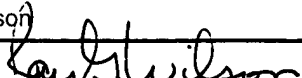
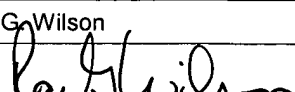
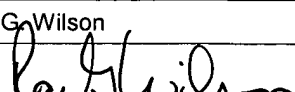
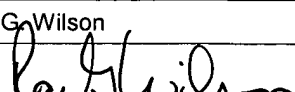


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.: <b>S-102,315</b>	
		First Inventor or Application Identifier: <b>Rangachary Mukundan</b>	
		Title: <b>MIXED-POTENTIAL HYDROCARBON SENSOR WITH LOW SENSITIVITY TO METHANE AND CO</b>	
		Express Mail Label No.: <b>ER 31184594 U S</b>	
APPLICATION ELEMENTS		ADDRESS TO: Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (submit an original and a duplicate for fee processing)  2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [ Total Pages: 13 ] <input checked="" type="checkbox"/> Descriptive title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure  4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C. 113) [Total Sheets: 5 ] <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal  5. <input checked="" type="checkbox"/> Declaration & Power of Attorney [Total Pages: 2 ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 63(d) (for continuation/divisional with Box 16 completed) c. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).		6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies	
<b>ACCOMPANYING APPLICATION PARTS</b>			
8. <input type="checkbox"/> Assignment Papers (cover sheet & documentation) 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 11. <input checked="" type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized) 13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i) 15. <input type="checkbox"/> Other:			
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. 10/158,997.  Prior application information: Examiner: T. H. Tung Group/Art Unit: 1753  <small>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small>			
<b>16. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number 35068 OR <input type="checkbox"/> Correspondence Address Below  <div style="text-align: center; font-size: 1.2em;"> <b>35068</b> </div>			
Name: <b>Ray G. Wilson</b> Address: <b>Los Alamos National Laboratory, LC/IP, MS A187</b> City: <b>Los Alamos</b> State: <b>New Mexico</b> Zip Code: <b>87545</b> Country: <b>United States</b> Telephone: <b>(505) 665-3112</b> Fax: <b>(505) 665-4424</b>			
Name: Ray G. Wilson		Registration No.: 28,351	
Signature: 		Date: November 25, 2003	

 16235 U.S. PTO  
10/723075


<b>FEE TRANSMITTAL</b> <b>For FY 2004</b> <small>Patent fees are subject to annual revision</small> <small>(submit an original and a duplicate for fee processing)</small>		Complete if Known	
		Application Number:	
		Filing Date:	November 25, 2003
		First Named Inventor:	Rangachary Mukundan
		Examiner Name:	
		Group/Art Unit:	
		Attorney Docket No.:	S-102,315

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: <b>12-2150</b>  Deposit Account Name: Los Alamos National Laboratory</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status.  See 37 CFR 1.27</p>	<p><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Large Entity Fee</th> <th style="width: 15%;">Small Entity Fee</th> <th style="width: 55%;">Fee Description</th> <th style="width: 15%; text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>\$130</td> <td>\$65</td> <td>Surcharge – late filing fee or oath</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$25</td> <td>Surcharge – late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>\$2,520</td> <td>\$2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>\$420</td> <td>\$210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>\$950</td> <td>\$475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>\$1,480</td> <td>\$740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>\$2,010</td> <td>\$1,005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>\$330</td> <td>\$165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>\$330</td> <td>\$165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>\$290</td> <td>\$145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Terminal Disclaimer</td> <td></td> </tr> <tr> <td>\$1,330</td> <td>\$665</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>\$130</td> <td>\$130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>\$180</td> <td>\$180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>\$770</td> <td>\$385</td> <td>Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>\$770</td> <td>\$385</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>\$100</td> <td>\$100</td> <td>Certificate of Correction</td> <td></td> </tr> <tr> <td>\$300</td> <td>\$300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td>\$770</td> <td>\$385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td style="text-align: right;"><b>\$</b></td> </tr> <tr> <td colspan="4" style="text-align: right;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL FROM 1</b></td> <td style="text-align: right;"><b>\$385.00</b></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL FROM 2</b></td> <td style="text-align: right;"><b>\$-0-</b></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL FROM 3</b></td> <td style="text-align: right;"><b>\$-0-</b></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL AMOUNT OF PAYMENT</b></td> <td style="text-align: right;"><b>\$385.00</b></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">SUBMITTED BY</th> <th colspan="2" style="text-align: center; padding: 5px;">Complete (if applicable)</th> </tr> </thead> <tbody> <tr> <td style="width: 15%;">Printed Name:</td> <td style="width: 45%;">Ray G. Wilson</td> <td style="width: 15%;">Reg. No.</td> <td style="width: 25%;">28,351</td> </tr> <tr> <td>Signature:</td> <td></td> <td>Date: 11/25/03</td> <td>Telephone: (505) 665-3112</td> </tr> </tbody> </table>	Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge – late filing fee or oath		\$50	\$25	Surcharge – late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$420	\$210	Extension for reply within second month		\$950	\$475	Extension for reply within third month		\$1,480	\$740	Extension for reply within fourth month		\$2,010	\$1,005	Extension for reply within fifth month		\$330	\$165	Notice of Appeal		\$330	\$165	Filing a brief in support of an appeal		\$290	\$145	Request for oral hearing		\$110	\$55	Petition to revive – unavoidable		\$110	\$55	Terminal Disclaimer		\$1,330	\$665	Petition to revive – unintentional		\$130	\$130	Petitions to the Commissioner		\$50	\$50	Petitions related to provisional applications		\$180	\$180	Submission of Information Disclosure Statement		\$770	\$385	Filing a submission after final rejection (37 CFR 1.129 (a))		\$770	\$385	For each additional invention to be examined (37 CFR 1.129(b))		\$100	\$100	Certificate of Correction		\$300	\$300	Publication fee for early, voluntary, or normal publication		\$770	\$385	Request for Continued Examination (RCE)		Other fee (specify) _____				<b>SUBTOTAL (3)</b>			<b>\$</b>	Reduced by Basic Filing Fee Paid				<b>SUBTOTAL FROM 1</b>			<b>\$385.00</b>	<b>SUBTOTAL FROM 2</b>			<b>\$-0-</b>	<b>SUBTOTAL FROM 3</b>			<b>\$-0-</b>	<b>TOTAL AMOUNT OF PAYMENT</b>			<b>\$385.00</b>	SUBMITTED BY		Complete (if applicable)		Printed Name:	Ray G. Wilson	Reg. No.	28,351	Signature:		Date: 11/25/03	Telephone: (505) 665-3112
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